

## IN THE SPECIFICATION

Please amend the paragraph starting on Page 6, line 29 and continuing through Page 7, line 22, as follows:

In the case where a ripple is added to a frame, but no periodic wave is present, the new image coordinates are computed as follows. Essentially, like with the periodic wave, the water region is distorted by computing new image coordinates for each point in the image corresponding to a height map point. The new horizontal coordinate for each image point in the water region is computed by subtracting the current height assigned to the height map for the image point to the left of the image point under consideration from the current height assigned to the height map for the image point to the right of the image point under consideration. The resulting difference may then be divided by a factor that relates the scale of the height map to that of the image, as discussed previously. If the difference is positive, the new horizontal coordinate of the point is located to the right of the current position by the amount of the computed change. Conversely, if the difference is negative, the new horizontal coordinate of the point is located to the left of the current position by the amount of the computed change. The new vertical coordinate for each image point is computed in a similar manner. Specifically, the current height assigned to the height map for the image point directly above the image point under consideration is subtracted from the current height assigned to the height map for the image point immediately below the image point under consideration. The difference is then divided by the aforementioned relational factor. If the resulting difference is positive, the new vertical coordinate of the point is located below the current position by the amount of the computed change (assuming the positive vertical direction is downward in the image). Conversely, if the difference is negative, the new vertical coordinate of the point is located above the

current position by the amount of the computed change.